

## P2708 ( 70:30 ) SATURATED POLYESTER RESIN

### PRODUCT

#### Properties

P2708 (70:30) is a saturated polyester resin, which is used together with epoxy resin to produce hybrid powder coatings, giving excellent flow effect.

It is suitable for semi-gloss powder coatings

#### Recommended Formulation

INGREDIENT	WEIGHT
Polyester resin P2708 (70:30)	200g
Epoxy resin (E-12)	360g
Padding	387g
Flow agent(PV88/GLP588)	10g
Benzoin	3g
Leveling agent (701B)	10g
XG603-1A/B68	30g

#### Specifications

Appearance: Light yellow & clear flake

Color (DMF50%): 5-10

Acid value (mgKOH/g): 28-32

Glass Transition Temperature (°C): ≥54

Viscosity (200°C/mPa.s): 4500-6500

#### Technical condition for making coatings

Extruder: SLJ-30AF

Clamp set temperature(°C): 110-120

Helix pole temperature(°C): 70

Rotational speed(rpm): 60

Powder particle size(μm .max): 100

Curing condition: 180°C/15min (metal temperature)

#### Coating film properties

Film thickness(μm): 70± 10      Gloss (60°C) %: ≤25± 10

Bend (mm): ≤6      Impact intensity(kg·cm): 50

Pencil hardness: 1H

#### Package and Shelf Life

**a. Package:** net 25kgs in PE bag or multi-ply paper bag;

**b. Shelf Life:** in a ventilative, dry and clean place under 30°C, its shelf life is one year.

#### Spraying methods and conditions

Oilless and rustless cold-rolled steel plate (mm): 0.5

Electrostatic spraying (kv): 50

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